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*Approved per
M-94*



COMIREX-M-93
2 April 1970

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COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

COMIREX-M-93
2 April 1970

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COMIREX meeting:

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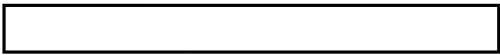
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Section V (Other Business)

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NRO review(s)
completed.



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GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION



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Section V (Other Business) cont.

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A NPIC Briefing: Mission Highlights (Mission 1109-2)

B Satellite Operations Schedule

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[Redacted]

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BRIEFERS

NPIC Mission Highlights

- Introduction
- Surface-to-Surface Missile Launch Site, Wuchai, China
- Sino-Soviet Border Activity
- SA-3 and Other Activity in Egypt
- Update on SS-9, SS-11, and SS-13 Launch Sites
- Radar at Sary Shagan Missile Test Center

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Section I (Briefings)

Mission Highlights 1109-2

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1. [] introduced NPIC briefings on the following topics: (1) SSM Launch Site, Wuchai, China; (2) Sino-Soviet Border Activity; (3) SA-3 and Other Activity, Egypt; (4) Update on SS-9, SS-11, and SS-13 Launch Sites; and (5) Radar at Sary Shagan Missile Test Center. A brief summary of the briefings presented is attached at Tab A.

Section II (Approval of Minutes)

COMIREX-M-92

1. COMIREX-M-92, covering the meeting of 19 March 1970, were approved with a correction in paragraphs 1 and 2 of Section IV. A revised page will be distributed to reflect the correction.

Section III (Operations)

Satellite Schedule

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1. The satellite schedule as of 2 April 1970 was distributed by the NRO Consultant. A copy is attached at Tab B.

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5. In answer to questions on launch dates,
provided the following information:

[REDACTED]

[REDACTED]

Report on Aircraft and Drone Activities

[REDACTED]

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6. The reports presented by the Acting DIA Member, the CIA Member, and the Chairman, ICRS, on aircraft and drone activities, coverage of special targets in the Far East, and satisfaction of the Cuba 56-day requirement are recorded in Tab C.

Section IV (Action Items)

Criteria for Accounting High-Resolution Imagery Coverage of Cuba (COMIREX-D-13.8/3)

[REDACTED]

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1. The Chairman explained that the draft criteria forwarded to members for their review prior to today's meeting is meant to provide coverage accounting guidelines reflecting the provisions of the new requirement (COMIREX-D-24.3/1). It is not intended to be so rigid or arbitrary as to prohibit the exercise of judgment in applying the coverage-accounting criteria but is intended to assure uniformity. Discussion of the draft centered on two main questions: (1) the percentage of cloud cover that would be acceptable to allow a three-by-three nautical square mile WAG cell area to be counted as having been covered and (2) the time frame within which NPIC would be expected to provide

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Section V (Other Business)

Follow-up Action on China Search

1. Referring to the discovery on Mission 1109 photography of a surface-to-surface (SSM) launch site at Wu Chai, China, (see Tab A, paragraphs 1-2) that had clearly been missed on search of photography from earlier missions covering the same area, [] noted that concern has been expressed throughout the intelligence community as to the possible deployment of SSM's in other parts of China. As a result, a special China Search Team has been organized and began work in [] at opening of business today. The team, headed by [] is made up of [] photographic interpreters from NPIC, three from IAS, and three from DIAAP. This group is to carry out by 26 April an exhaustive search of all available photography of China for evidence of SSM activity. Each team member will be assigned specific WAG areas for search. He will begin by searching the most recent KH-4, [] coverage of each WAG cell for which he is responsible. The interpreters will work back through the available coverage to the most recent clear photography of sufficient interpretability to reveal possible SSM activity. Older duplicative photography, including U-2 coverage, will not be searched if more current photography shows the area with sufficient clarity to negate suspect SSM activity. In areas of high target density more than one team member may review the photography to raise the confidence level. [] stressed that the members of this team have been relieved of all other responsibilities and will dedicate full time to the special search until the job is completed.

2. [] assured members that if anything of major interest is found during this special search effort there will be prompt notification to the community. In any case, COMIREX will be kept informed of the progress of the search and will be briefed on the final results.

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3. The Chairman asked whether it would be possible to record by 50-WAG cells the areas covered in this special search effort so that the results could be included in the area coverage data files and used in COMIREX current accounting similar to that now done for South China (reference COMIREX-M-89, Section IV, page 10, paragraphs 2-3). [] indicated this would be done and noted that NPIC planned to develop a map of China color coded to show the search areas covered and dates of coverage.

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4. [] noted that ICRS will undoubtedly pay special attention to this problem in establishing target priorities

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6. [] urged COMIREX members to work personally with their ICRS representatives to be sure they establish a very clear order of priorities, recognizing that a certain amount of inventiveness and close attention to detail will be required to try to cover everything needed. He stressed that attention must be focused on such points as whether there is a firm or flexible requirement for stereo with respect to a particular target and whether one target can serve as a sampling for others.

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7. [] noted that Navy also has a high degree of interest in this area as a result of a reported flight by a possible vertical takeoff-type aircraft from a Soviet helicopter carrier in the Mediterranean to an undisclosed destination in Egypt. Captain Moffit pointed out that, if this report is true, it would mean the Moskva-class carrier has a potential we have not known about. This may tie in with the activity at Mersa Matruh and Cairo West airfields.

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8. [] noted that the NRO is presently looking into ways to optimize coverage of Egypt, Kovytkino in the USSR, and Wu Chai in China. He stressed that their Operations Center would like to have priorities identified as early as possible so detailed targeting can be worked out.

Cuba Requirement Revision (COMIREX-D-24.3/1) []

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9. [] reported that DIA has instructed the Strategic Air Command to discontinue scheduling of overflights of Cuba to meet the old two-week target sampling requirement. The Chairman noted that all members of the United States Intelligence Board had approved the revised statement of requirements for overhead photographic reconnaissance of Cuba as recommended by COMIREX and that the Director would probably

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b. The initial examination of Mission 1109 results indicates 30 percent of the positioning targets were acquired on the first bucket. It appears that we should be very close to the NRO's 40 percent coverage estimate for the entire mission.

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Designation of Acting Chairman, COMIREX

14. [] announced that [] CIA COMIREX Member, will serve as Acting Chairman during the absence on TDY of both the Chairman and the Alternate Chairman from 12-30 April.

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COMIREX Meeting Schedule During April

15. The Chairman solicited views of members on whether it would be necessary to hold a special COMIREX meeting next week to cover any unfinished items of business before his departure. Since no one expressed a need for a special meeting, it was agreed that regular meetings would be scheduled for 16 and 30 April.

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16. The Chairman briefly reviewed some topics on which he would hope progress could be made over the next several weeks. These included, in addition to consideration of VHR requirements and a review of the CCRP (see paragraph 4, Section V), the status of coverage and need for revised requirements on North Korea and completing the revision of the North Vietnam requirements.

New Air Force COMIREX Member and Alternate

17. The Chairman announced that Colonel James C. Wayne will replace Colonel Clark E. Davison as the Air Force Member of COMIREX and that Colonel Norman Katz will replace Colonel Hodgson as an Alternate. After introducing Colonel Katz, [] thanked Colonel Davison for the help and support he has given to the Committee and expressed the best wishes of all for success in his new assignment as Commander, 548 RTG, PACAF. Colonel Davison replied that he had learned a great deal during his tour as the Air Force Member of COMIREX and he felt it had been a very pleasant and rewarding assignment.

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Section VI (Subcommittee and Working Group Reports)

Imagery Collection Requirements Subcommittee

1. [] reported that he has received inputs from ICRS members on revision of the North Vietnam requirements. He plans to have a coordinated ICRS recommendation on an updated North Vietnam requirement ready for COMIREX consideration within a few weeks.

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Imagery Exploitation Subcommittee

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2. [] reported that EXSUBCOM has developed and coordinated first- and second-phase mission exploitation requirements for airborne reconnaissance over the Middle East. He is now in the process of preparing the draft instruction for review by COMIREX.

Data Base Working Group

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3. [] reported he and the Exploitation Products File Coordinator have completed a statistical analysis of reports produced in the community during CY 1969. He noted there had been 5,772 reports produced during CY 1969 and perhaps some consideration should be given to the various forms that these products take and the overlap among them. He cited the example of mission reports being put out in great volume in three different formats [] cables, and computer tapes).

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4. The Chairman, DBWG, reported that his Working Group is still awaiting a DIA position on the future handling of the Object Data File. [] asked COMIREX members to encourage support of [] efforts within their respective agencies by identifying the major underlying issues and doing quickly whatever is necessary to resolve them.

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[]
Executive Secretary

Committee on Imagery Requirements and Exploitation

Attachments
Tabs A-C

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Tab A

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NPIC Briefing: Mission Highlights (Mission 1109-2)

Surface-to-Surface Missile Launch Site, Wu Chai, China

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1. [] reported the identification of a surface-to-surface missile (SSM) launch site near Wu Chai, China, on photography [] [] pointed out similarities between the SSM launch site at Wu Chai and Launch Complexes A and D at Shuang Cheng Tzu Missile Test Center.

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3. See Section V, paragraphs 1-4, for discussion of follow-up action as a result of this find.

Sino-Soviet Border Activity

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4. [] commented that 1109 had been one of the best missions for coverage of the Sino-Soviet border area. He reported widespread Soviet military exercise activity along the entire length of the border area. He believed this was probably seasonal training and had not been previously observed at such a high level before because we lacked the type of coverage provided

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Tab A

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by 1109. A new installation containing probable barracks buildings and a vehicle park is under construction at Taldy Kurgan 100 n.m. from the USSR-China border. It was impossible to tell from [] KH-4 photography whether the vehicle park is for military vehicles.

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SA-3 and Other Activity in Egypt

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6. [] noted that search for evidence of the introduction of missiles was the primary item of concern in Mission 1109 coverage of Egypt. There were two good passes over the area of the Siwa Oasis, As Sallum, and Mersa Matruh. No missile-related activity was evident. A new airfield was observed under construction in the Siwa Oasis area. The two passes over Cairo were mostly cloud-covered, so interpreters were not able to get as much information on that area as they had hoped.

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7. Mission 1109-2 provided confirmation of SA-3 surface-to-air missile (SAM) activity in the Alexandria area. A total of eight SA-3 sites--five firm and three possible--have been observed. Of the five firmly identified sites, four are occupied. The fifth identified site, along with one possible, are near Illyankas Airfield which, []

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[] the Soviets have taken over since January 1970.

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Tab A

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8. [] reported 19 new areas of construction identified in Egypt on 9 and 16 March 1970. Four of the construction sites are in the Cairo area and 15, many of which resemble the Cairo sites, are within 20 n.m. of the Suez Canal.

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[]

Update on SS-9, SS-11, and SS-13 ICBM Launch Sites

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10. [] provided an update on Soviet SS-9, SS-11, and SS-13 launch sites, noting that between the two buckets of Mission 1109, complete coverage had been achieved of all six of the Soviet SS-9 launch complexes. He reported the identification on Mission 1109-2 photography of a new SS-9 group with one launch site under construction at Uzhur, and pointed out that, in checking previous coverage of this site, it was found that actual construction of support-type buildings was under way [] but no excavation was detected until this mission.

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11. [] noted that no new group IIIC (SS-9) or IIID (SS-11) ICBM starts have been identified in 1970. Yoshkar Ola was not seen on 1109-2, but four new SS-13 sites were observed there on 1109-1. The one pass over Pervomaysk IRBM Complex on Mission 1109-2 was 80 percent cloud-covered but nine new IIID ICBM sites were picked up. Photography of the Derazhnya IRBM Complex was completely cloud-covered on both buckets of Mission 1109. In response to the Chairman's question, [] noted that there has not been good coverage of the Derazhnya Complex since []

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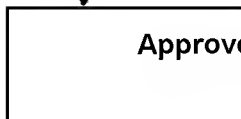
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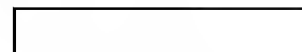
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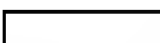
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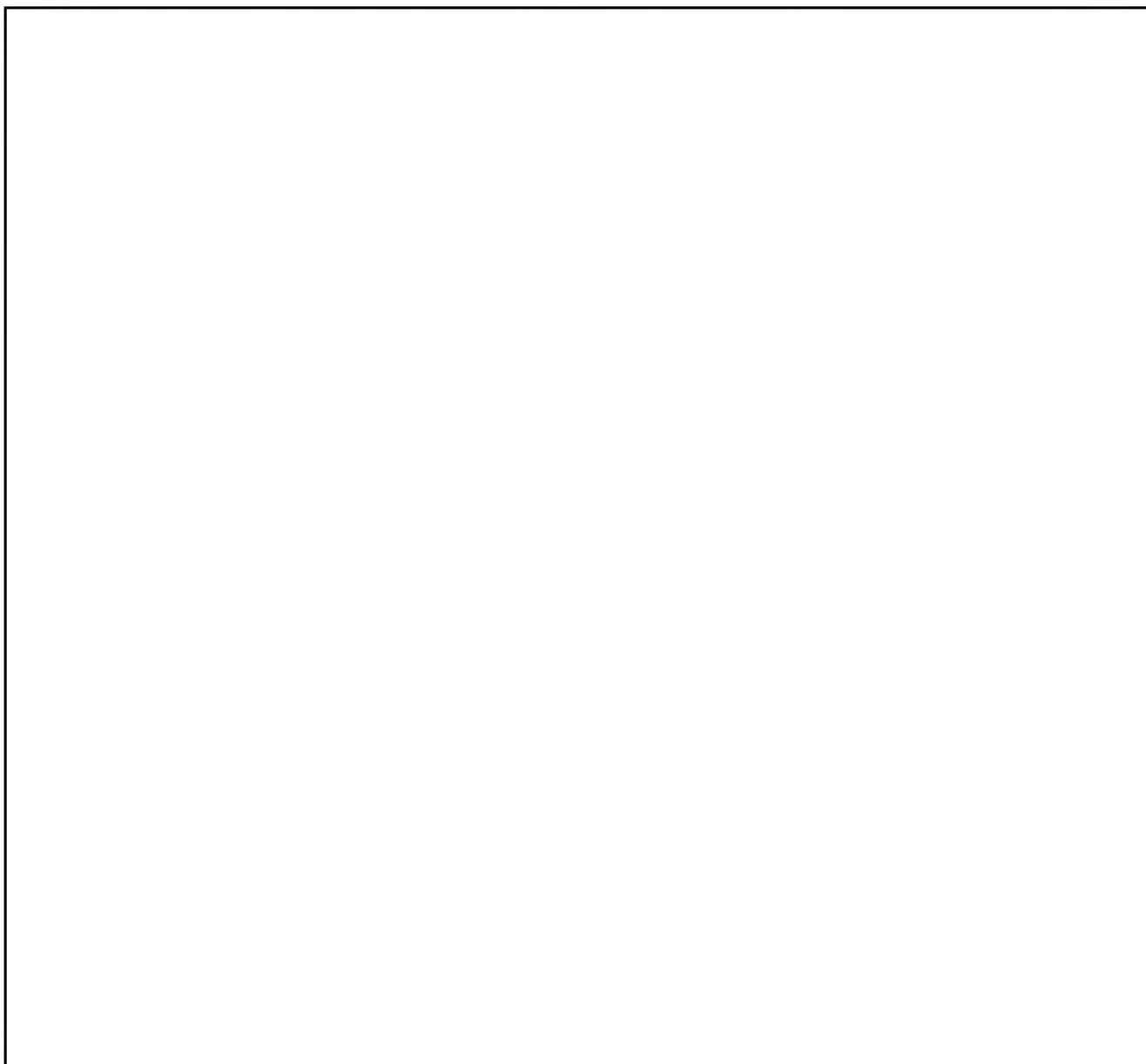
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Tab A

12. Copies of charts used by  to show the status of SS-9, SS-11, and SS-13 launch groups through Mission 1109-2 are attached as pages A-5 through A-7.

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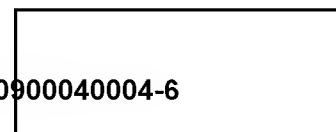
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Tab C

Report on Aircraft and Drone Activities

FAR EAST

BUFFALO HUNTER (20 March - 1 April 1970)

<u>DATE</u>	<u>MISSION NO.</u>	<u>AREAS/TARGETS</u>	<u>RESULTS</u>
21 Mar	Q596/542 (low)	Kien An Afld, Haiphong Port, Hon Gai Port, Cam Pha Port	Lost
21 Mar	Q594/543 (low)	Bai Thuong Afld, Thanh Hoa Army Bks	Water Recovery
23 Mar	Q614/544 (low)	Hoa Lac Afld, Son Dong Army Bks, Dong Suong Afld	MARS
26 Mar	Q511A/546 (low)	Cat Bi Afld, Kien An Afld, Haiphong Army Bks	MARS
27 Mar	Q914/547 (high)	Na San Afld, Dien Bien Phu Afld, Laos Rte Segments	MARS
28 Mar	Q540B/548 (low)	Haiphong Port Fac	MARS
28 Mar	Q617/549 (low)	Vinh Afld/TSP, Dong Hoi Afld/ TSP, SAM Sites	MARS
30 Mar	Q607A/550 (low)	Quan Lang Afld Rt 7 Segments	MARS
31 Mar	Q615/551 (low)	Vinh TSP/GCI, Dong Hoi Afld/ TSP	MARS
31 Mar	Q618/552 (low)	SAM Search Rt 1A	MARS

Successful 9

Lost 1

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GIANT SCALE (20 March - 1 April 1970)

None. Several planned missions were canceled due to poor weather. A map showing coverage of North Korea by GIANT SCALE Missions 226 and 237 is attached (see page C-4).

FOOD FAIR (20 March - 1 April 1970)

None

IDEALIST TACKLE (20 March - 1 April 1970)

<u>Date</u>	<u>Mission No.</u>	<u>Flight Path/Area Covered</u>
26 Mar		

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Coverage of Special Targets in South China and North Vietnam
(20 March - 1 April 1970)

Coverage of special targets in South China and North Vietnam was reported by the Chairman, ICRS, as follows:

a. No surveillance coverage was reported on Lines of Communication (LOC) targets pertinent to the introduction of Chinese forces into North Vietnam (see COMOR-D-25/207, 4 March 1966). The number of LOC priority targets in South China and North Vietnam remains at 320.

b. Coverage of North Vietnam to detect the possible introduction or deployment of offensive missile systems (see COMOR-D-25/200, 23 May 1967, and COMIREX-D-25.3/2, 20 November 1967) is shown on the attached grid map (page C-5) for the time period 19-25 March. One BUFFALO HUNTER mission that had

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Tab C

been flown was not reported up to the time this map was prepared. Please note that no map was made up for the earlier two-week period (12-18 March) as there was not any coverage reported.

CUBA

OLD HEAD (20 March - 1 April 1970)

<u>Date</u>	<u>Mission No.</u>	<u>Results</u>
31 Mar	G 117	Unknown

Status of 56-day Coverage Requirement

The status of coverage on a sliding scale for the 56-day periods shown below is as follows:

<u>PERIOD</u>	<u>AREA COVERAGE</u>	<u>TARGET COVERAGE</u>	NUMBER OF MISSIONS		
			<u>FLOWN</u> +	<u>EXPLOITED</u> Area	<u>Targets</u>
28 Jan - 25 Mar 70	69.9	132 of 178	3	3	3
4 Feb - 1 Apr 70	78.4	132 of 178	4	4	3

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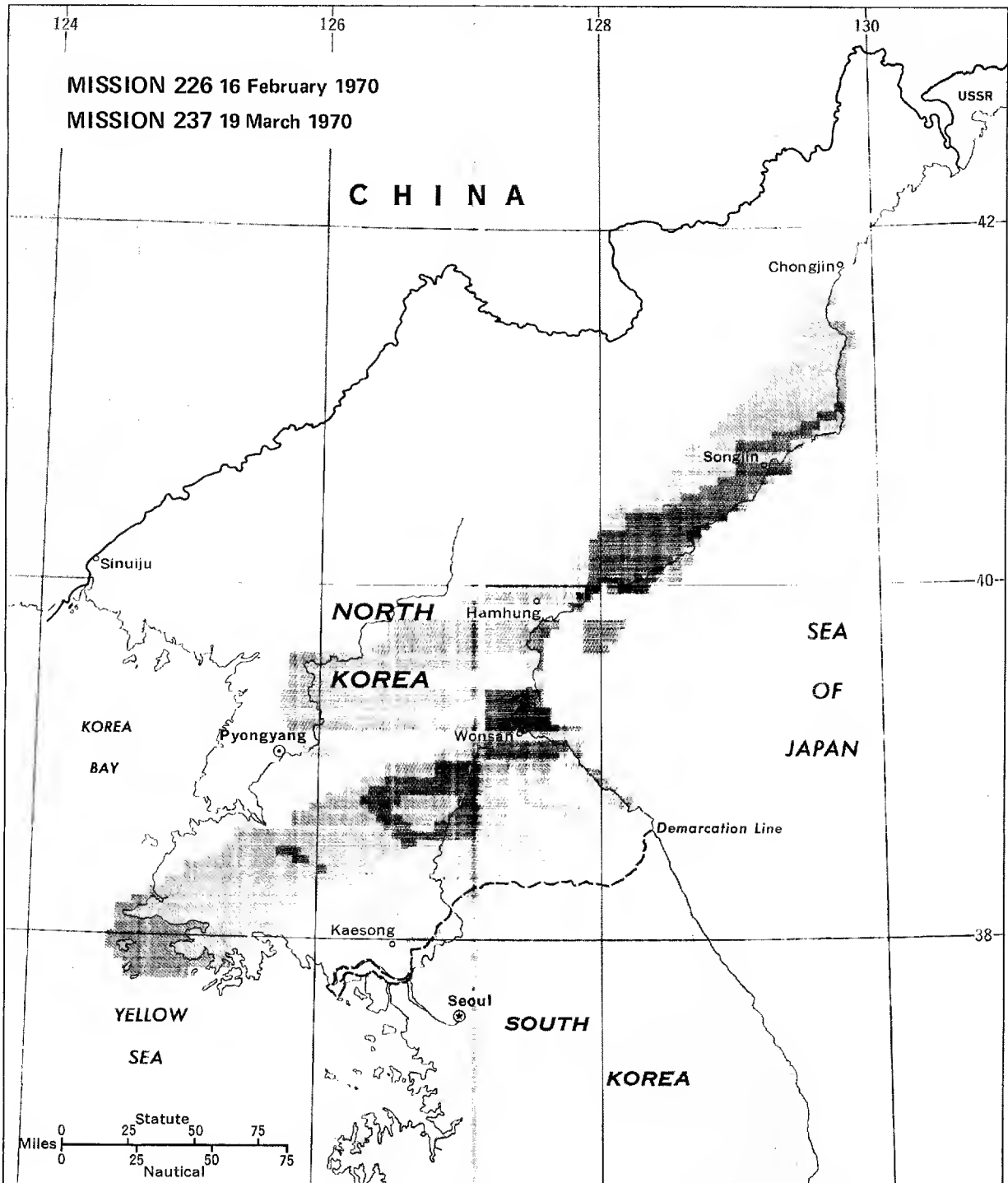
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GIANT SCALE Coverage of North Korea



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